

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104026.D
 Acq On : 28 Mar 2018 22:28
 Operator : JU/SJ
 Sample : J1754-13 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032718-B

Quant Time: Mar 29 05:19:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	115983	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	484097	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	204291	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	301149	20.00	ng	0.00
75) Chrysene-d12	14.15	240	235616	20.00	ng	0.00
86) Perylene-d12	15.70	264	193513	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	134954	18.56	ng	0.00
7) Phenol-d6	6.60	99	199380	22.28	ng	0.00
23) Nitrobenzene-d5	7.53	82	122082	15.42	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	43084	18.94	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	274260	21.17	ng	0.00
78) Terphenyl-d14	13.08	244	191359	18.75	ng	0.00

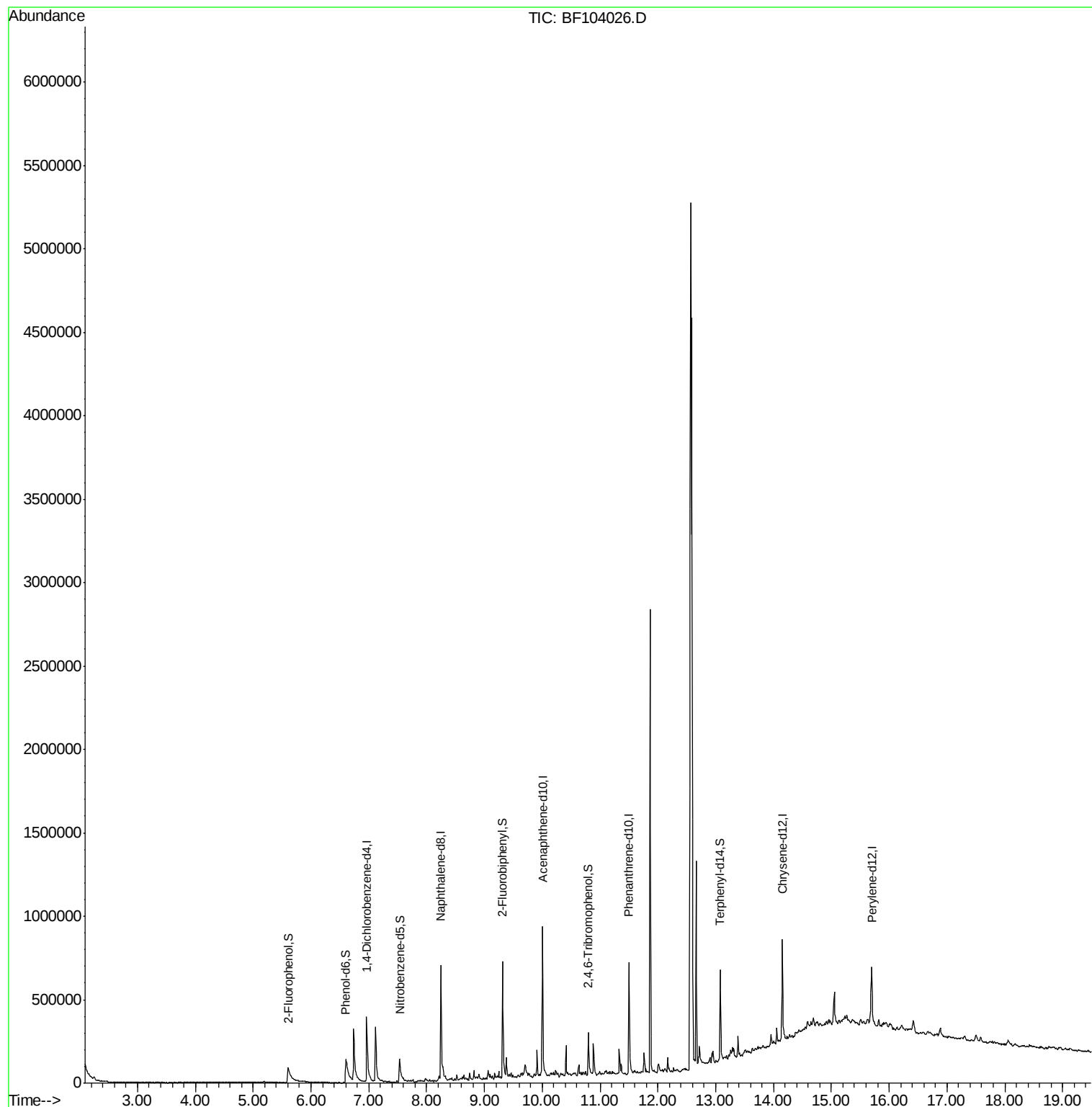
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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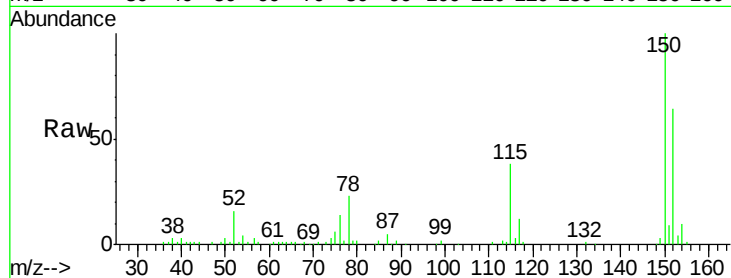


#1

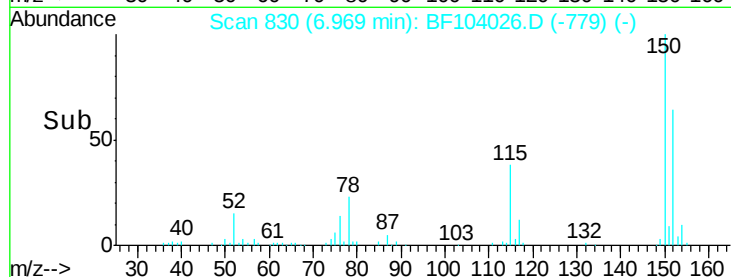
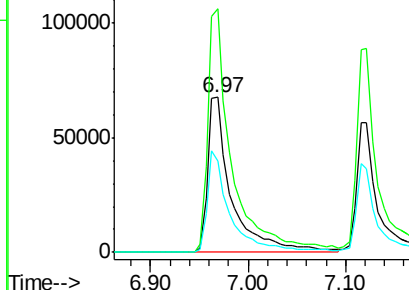
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104026.D
Acq: 28 Mar 2018 22:28

Instrument :
BNA_F
ClientSampleId :
CL-02-032718-B

Tot Ion:152 Resp: 115983
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 58.9 50.1 75.1



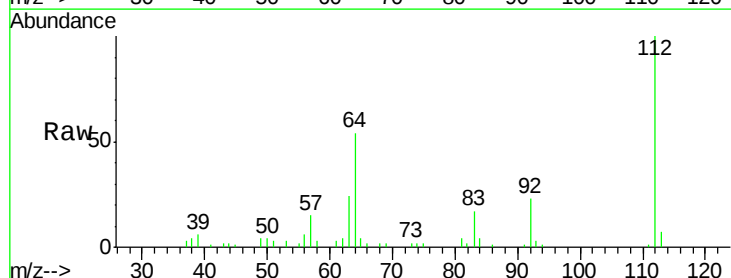
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



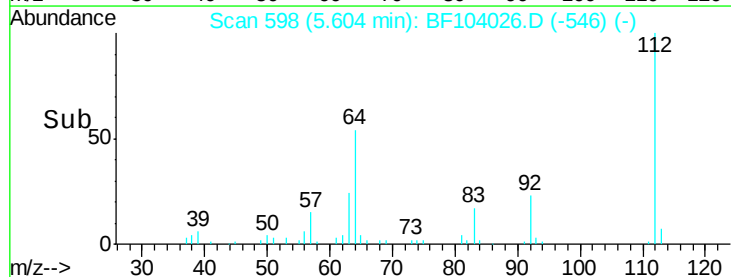
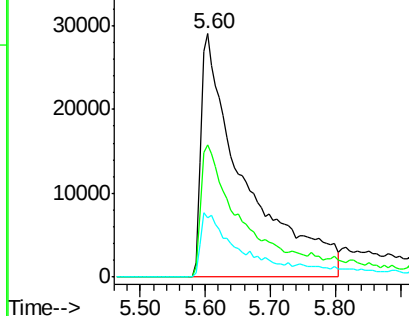
#5

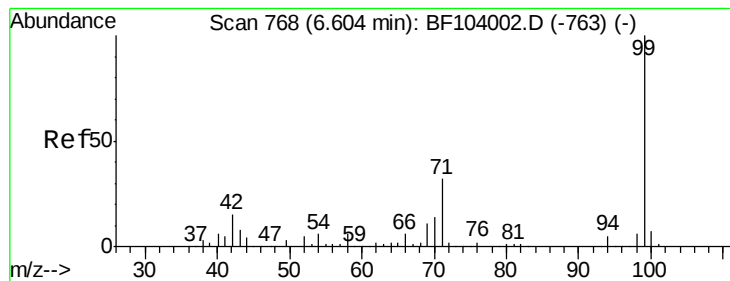
2-Fluorophenol
Concen: 18.556 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF104026.D
Acq: 28 Mar 2018 22:28

Tgt Ion:112 Resp: 134954
Ion Ratio Lower Upper
112 100
64 54.2 47.9 71.9
63 24.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 22.283 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104026.D

Acq: 28 Mar 2018 22:28

Instrument :

BNA_F

ClientSampleId :

CL-02-032718-B

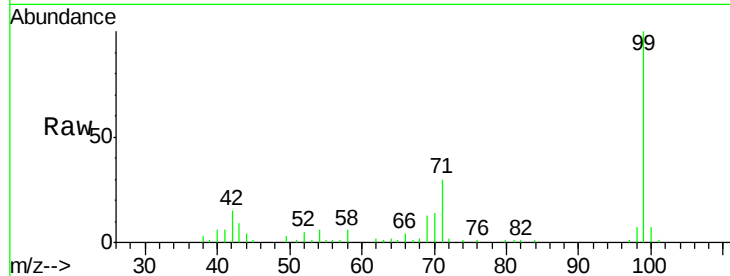
Tot Ion: 99 Resp: 199380

Ion Ratio Lower Upper

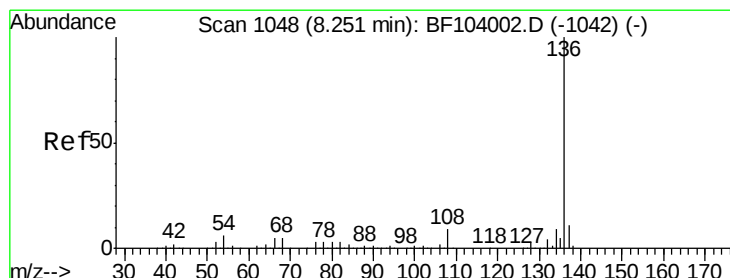
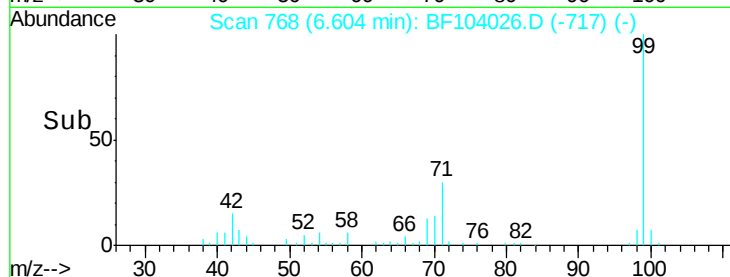
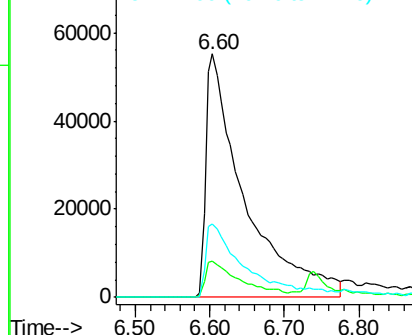
99 100

42 14.7 14.5 21.7

71 30.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF104026.D

Acq: 28 Mar 2018 22:28

Tgt Ion: 136 Resp: 484097

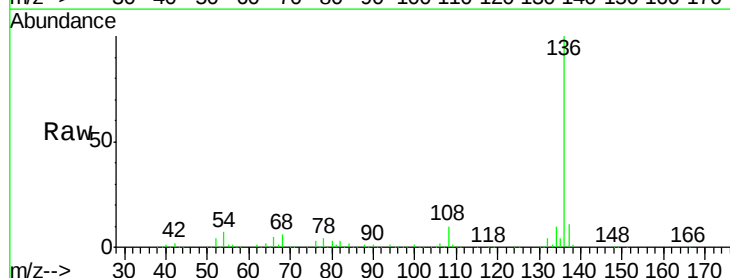
Ion Ratio Lower Upper

136 100

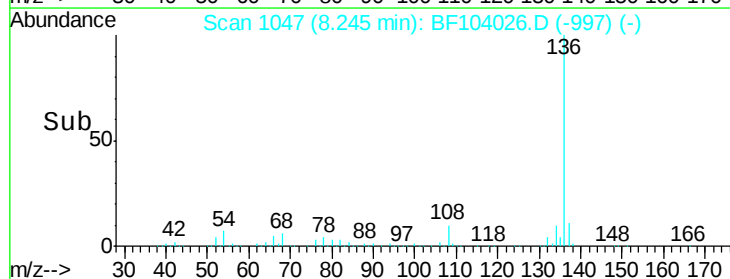
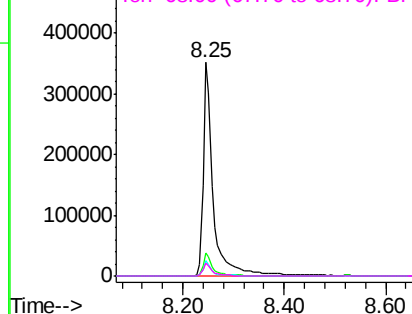
137 10.7 8.9 13.3

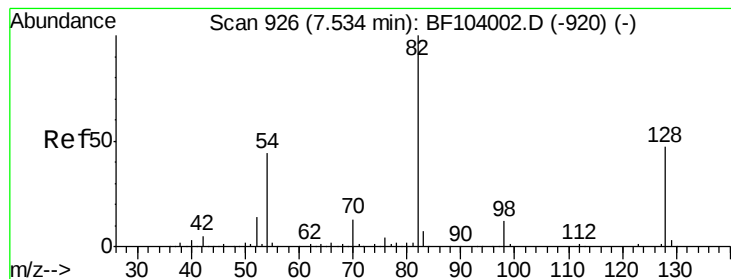
54 7.2 6.6 9.8

68 5.9 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 15.423 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF104026.D

Acq: 28 Mar 2018 22:28

Instrument :

BNA_F

ClientSampleId :

CL-02-032718-B

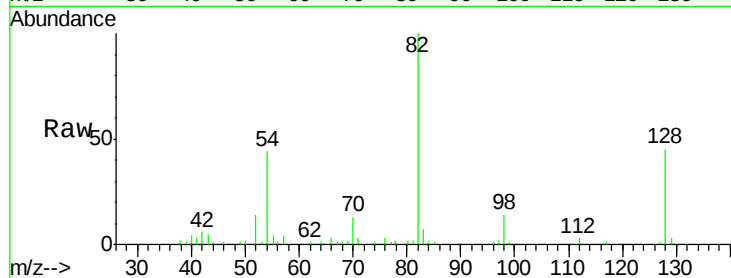
Tot Ion: 82 Resp: 122082

Ion Ratio Lower Upper

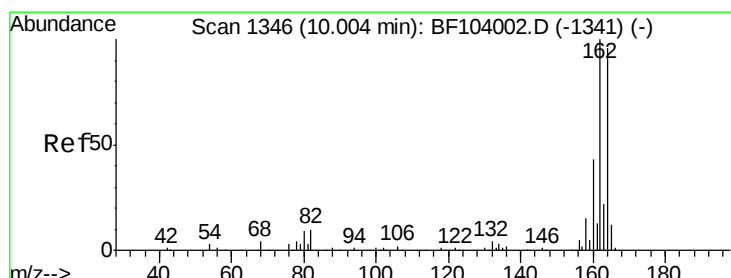
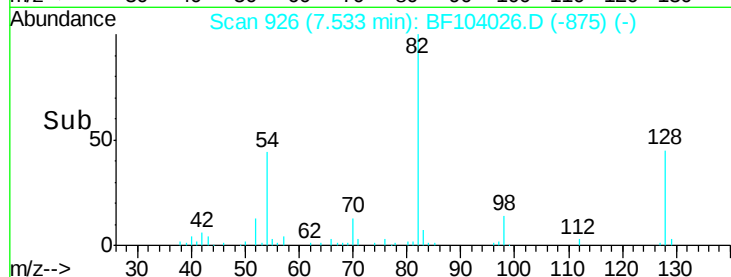
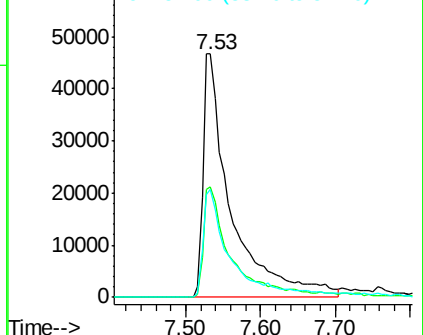
82 100

128 45.4 36.1 54.1

54 44.3 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BF104026.D

Acq: 28 Mar 2018 22:28

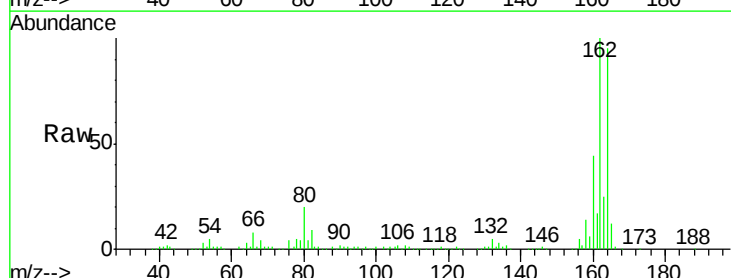
Tgt Ion:164 Resp: 204291

Ion Ratio Lower Upper

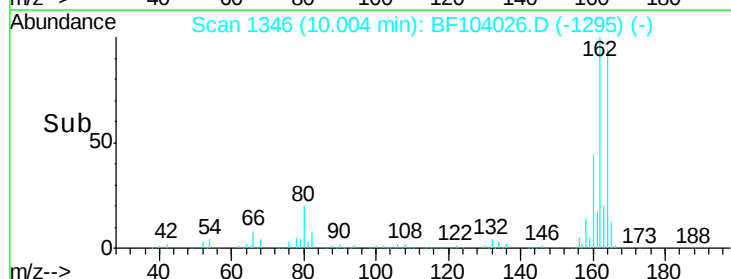
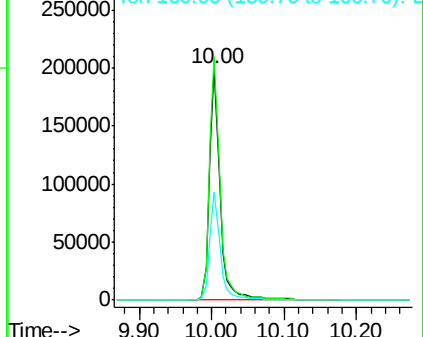
164 100

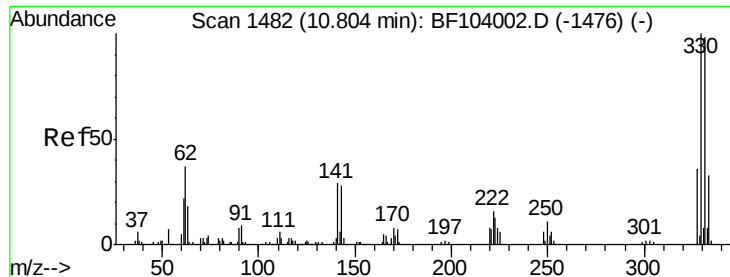
162 105.5 86.1 129.1

160 46.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

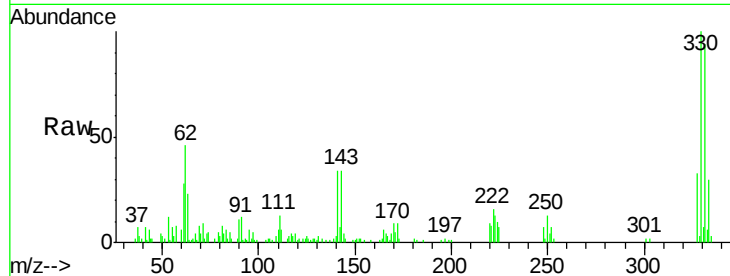




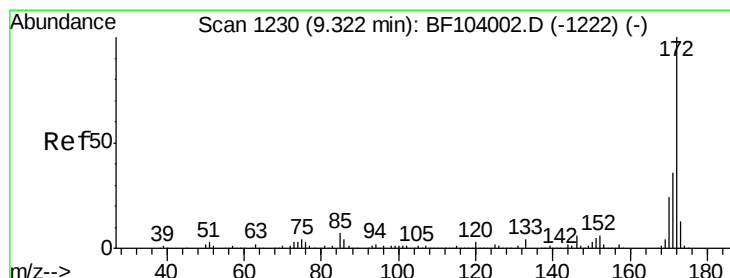
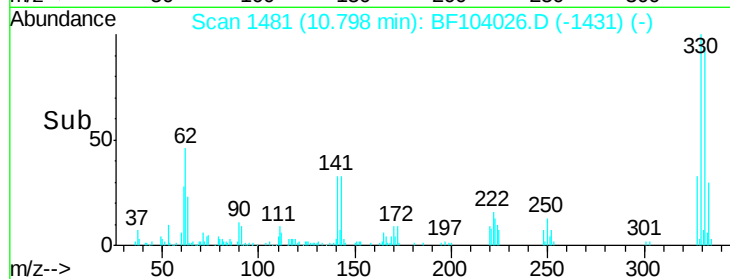
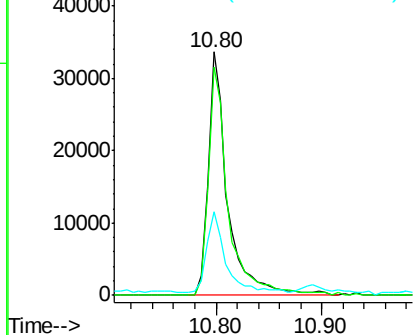
#41
 2,4,6-Tribromophenol
 Concen: 18.940 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104026.D
 Acq: 28 Mar 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032718-B

Tot Ion:330 Resp: 43084
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 32.4 29.9 44.9

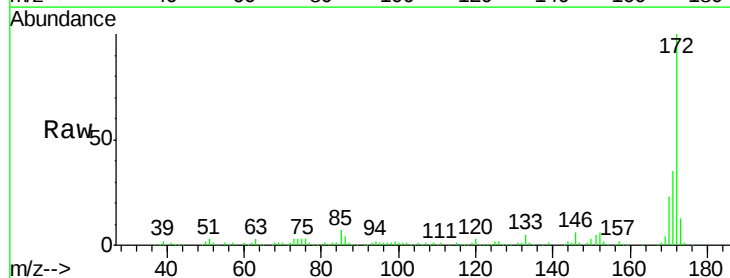


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

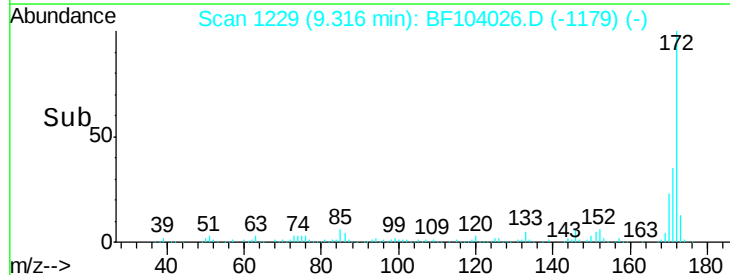
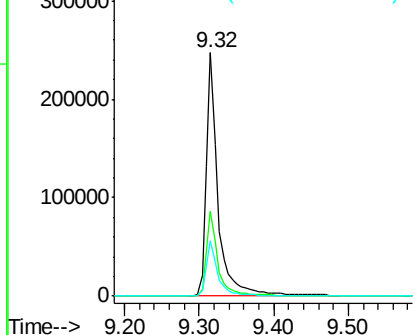


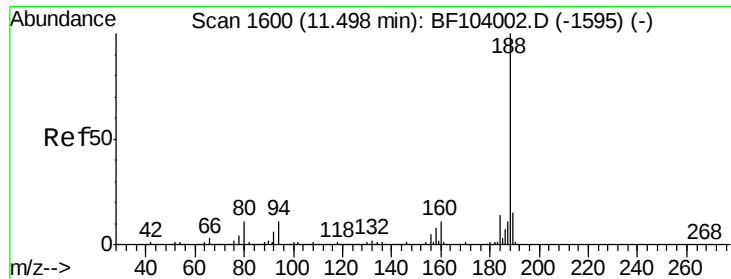
#44
 2-Fluorobiphenyl
 Concen: 21.170 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104026.D
 Acq: 28 Mar 2018 22:28

Tgt Ion:172 Resp: 274260
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.7 44.5
 170 22.7 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

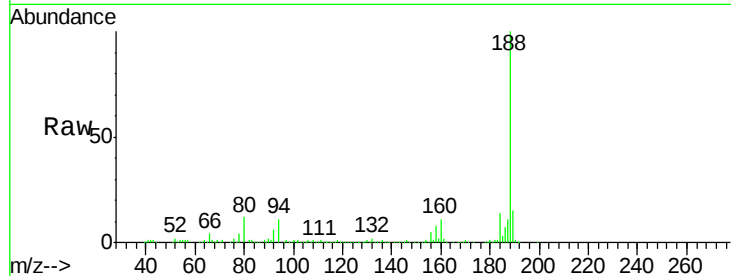




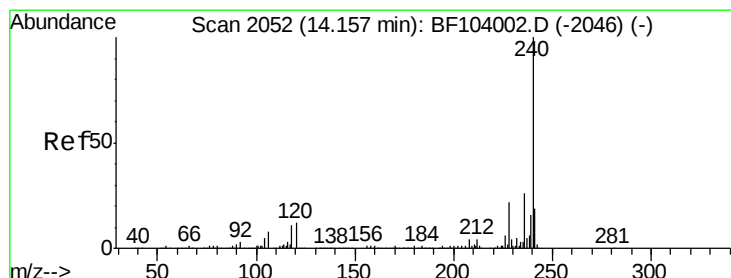
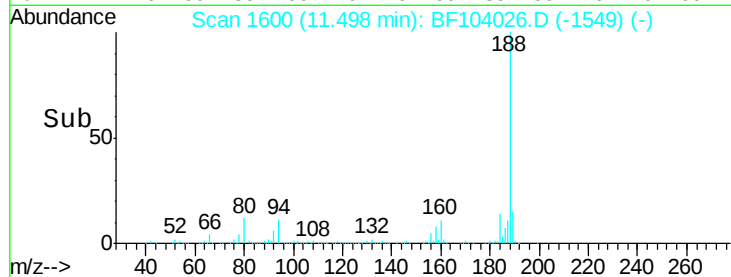
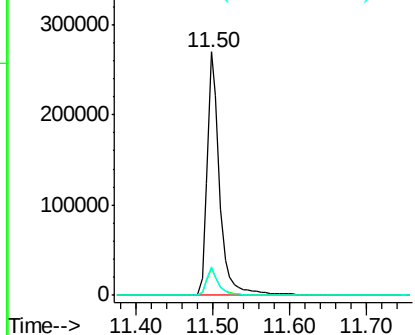
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF104026.D
Acq: 28 Mar 2018 22:28

Instrument :
BNA_F
ClientSampleId :
CL-02-032718-B

Tot Ion:188 Resp: 301149
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.6 9.2 13.8

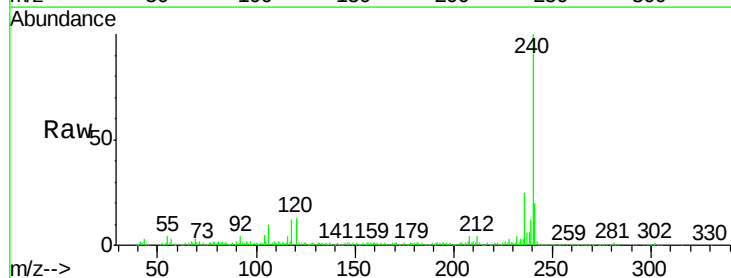


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

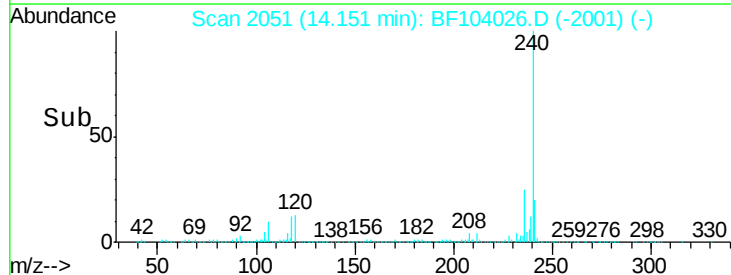
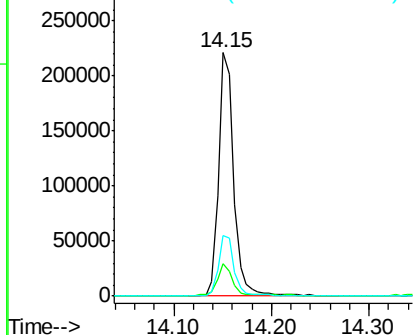


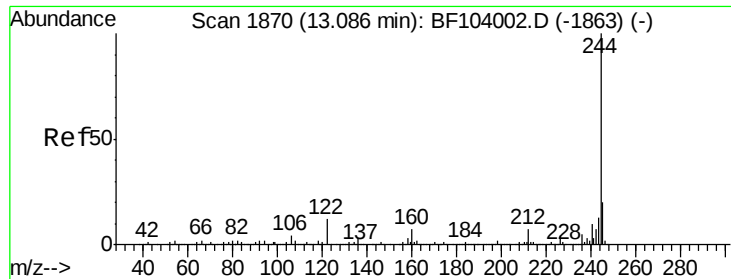
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF104026.D
Acq: 28 Mar 2018 22:28

Tgt Ion:240 Resp: 235616
Ion Ratio Lower Upper
240 100
120 13.5 9.5 14.3
236 24.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

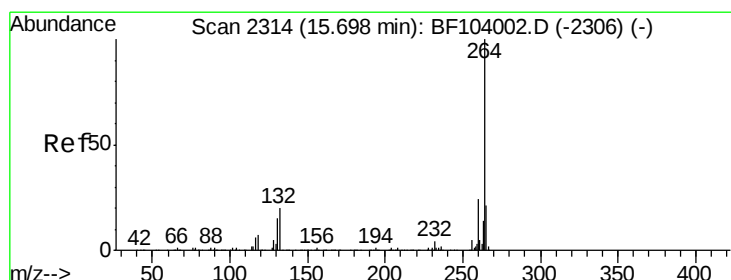
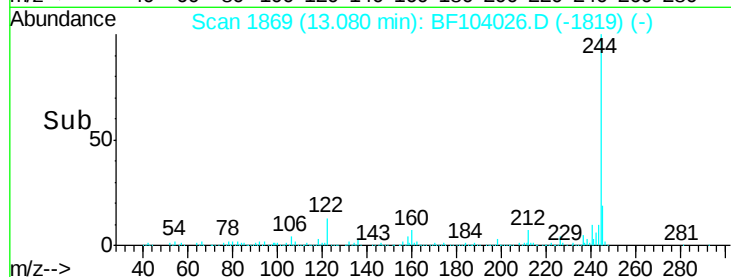
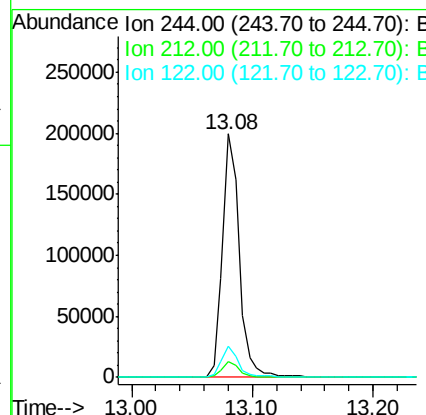
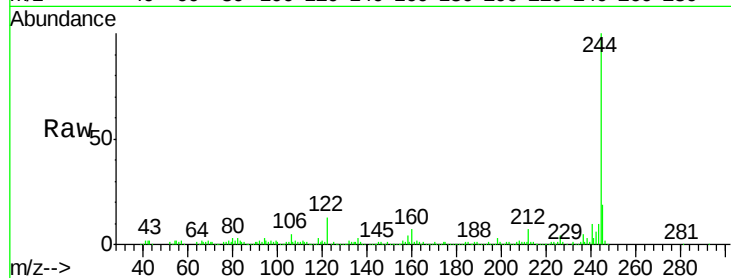




#78
 Terphenyl-d14
 Concen: 18.753 ng
 RT: 13.08 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: BF104026.D
 Acq: 28 Mar 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032718-B

Tot Ion:244 Resp: 191359
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BF104026.D
 Acq: 28 Mar 2018 22:28

Tgt Ion:264 Resp: 193513
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.2 17.5 26.3

